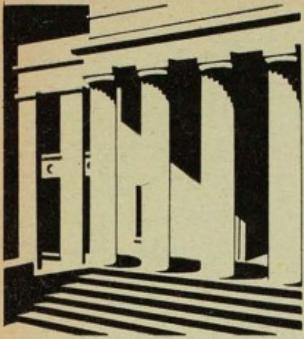


AIM Ann Report
1962 to 1963

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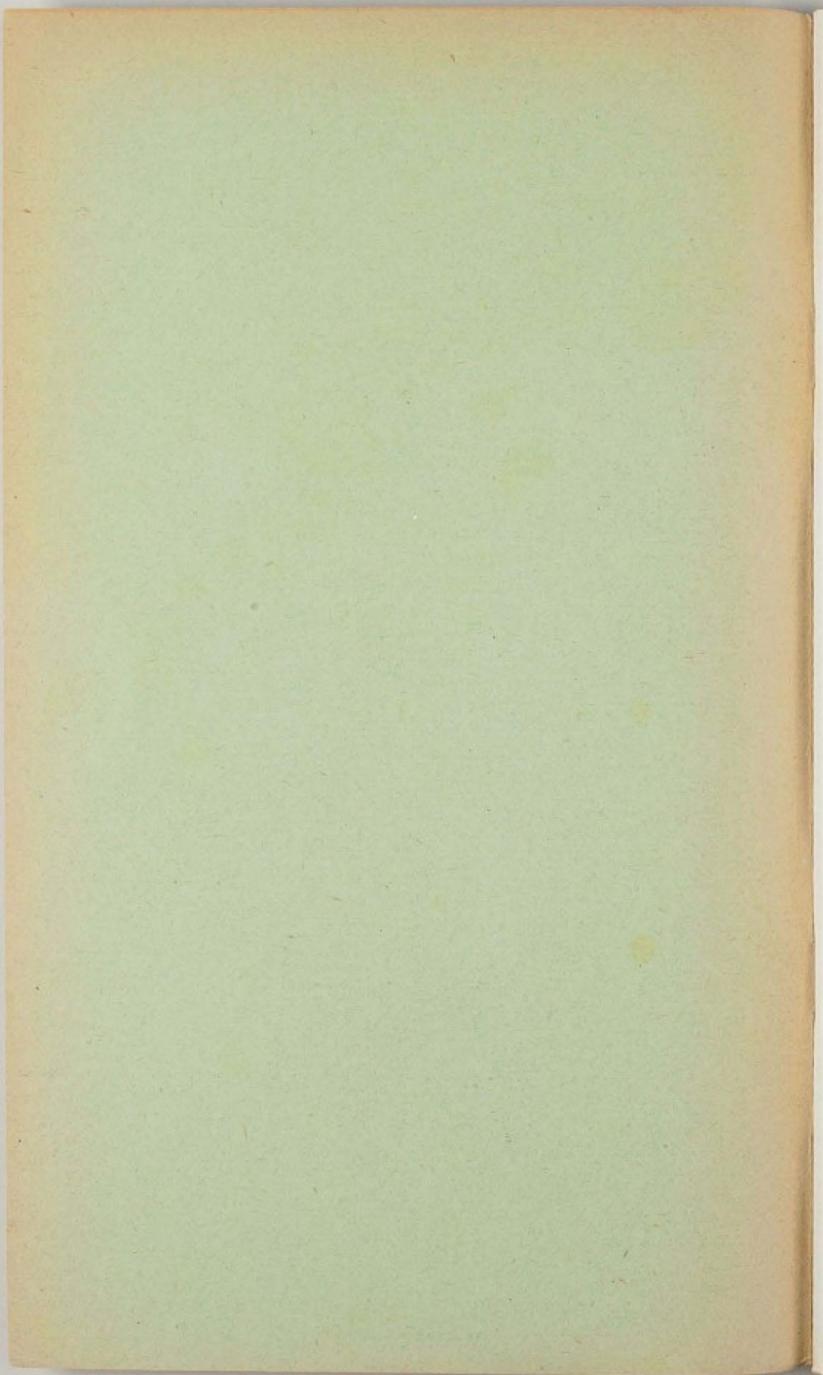


ANNUAL REPORT
OF THE
**AUCKLAND
INSTITUTE
AND MUSEUM**

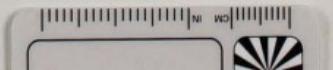
1962-63

For presentation at the
Annual General Meeting
to be held on 27th June, 1963

AIM Ann Report
1962 to 1963



AIM Ann Report
1962 to 1963



AIM Ann Report
1962 to 1963



National Publicity Studios, photo.

New Hall of Fishes and Whales opened August, 1962.

AIM Ann Report
1962 to 1963

ANNUAL REPORT
OF THE
AUCKLAND INSTITUTE
AND MUSEUM

For 1962-63

For presentation at the Annual General
Meeting to be held on 27th June, 1963



AUCKLAND
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AIM Ann Report 1962 to 1963

Staff of the Museum.



Director	GILBERT ARCHEY, C.P.E., M.A. D.Sc., F.R.S.N.Z., F.M.A., F.M.A.N.Z.
Assistant Director . . . . .	..	..	A. W. B. POWELL, HON. D.Sc., F.R.S.N.Z., F.M.A.N.Z.
Ethnologist . . . . .	..	..	V. F. FISHER, M.A., F.M.A.N.Z.
Hon. Curator of English China . . . . .	..	..	C. REGINALD FORD, F.R.I.B.A., F.R.G.S.
Botanist . . . . .	..	..	R. C. COOPER, M.A., B.COM., PH.D.
Hon. Botanist . . . . .	..	..	LUCY CRANWELL SMITH, M.A., D.Sc., F.L.S., F.R.S.N.Z.
Associate Botanist . . . . .	..	..	MRS P. H. HYNES.
Librarian . . . . .	..	..	ENID A. EVANS, B.A., A.I.L.A.
Extension Service Officer . . . . .	..	..	T. J. BAYLISS.
Planetarium Lecturer . . . . .	..	..	R. A. McINTOSH, F.R.A.S.
Assistant Planetarium Lecturer . . . . .	..	..	E. E. S. CURTIS.
Art Assistant . . . . .	..	..	BETTY BROOKES.
Associate Entomologist . . . . .	..	..	M. WINTERBOURN, B.A.
Education Officer . . . . .	..	..	R. A. SCOBIE, M.A., F.M.A.N.Z.
Assistant Education Officers . . . . .	..	..	B. H. CADMAN, B.A. N. M. ROE, B.A.
Secretarial . . . . .	..	..	THERESE B. WILSON.
Library Assistant . . . . .	..	..	LORRAINE M. RICKETTS, N.Z.L.A.CERT.
Typist-Telephonist . . . . .	..	..	JUDITH HOOKHAM
Information Service . . . . .	..	..	MARGARET M. BOND. DOROTHY J. BEAVIS.
Maintenance Officer . . . . .	..	..	R. C. H. HENSEN.
Recorder . . . . .	..	..	EUNICE E. WARNEFORD, M.A.
Clerical Assistant . . . . .	..	..	JEANNE H. GOULDING
Custodian . . . . .	..	..	J. STEWART.
Carpenter . . . . .	..	..	G. BROWN

Attendants:

R. W. ARCHER, H. A. ARMISHAW, O. BECK, H. H. BOX,
V. McGRATH, J. MURRAY, J. P. THOMSON, J. S. THOMSON.

AIM Ann Report
1962 to 1963

OFFICERS
OF THE
AUCKLAND INSTITUTE
AND
MUSEUM

1962-63



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MR. JOHN SEABROOK, A.F.C., E.D.

Vice-Presidents:

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MR. S. G. BROOKER, M.SC.	MR. A. T. PYCROFT.
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LT.-COL. A. R. HUGHES.	PROFESSOR E. J. SEARLE, D.S.C.
PROFESSOR R. E. F. MATTHEWS, M.SC., PH.D., F.R.S.N.Z.	MR. R. B. SIBSON, E.D., M.A.

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MRS. R. D. HORTON, MR. A. O. GLASSE, O.B.E., M.C.,
MR. W. M. TONGUE, J.P., E.D.

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F. R. BROWN,

Trust Board:

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(Chairman)	MR. J. C. RENNIE, LL.B.
SIR FRANK MAPPIN.	MR. E. H. RHODES, B.S.C.

Representatives on Council of Royal Society of New Zealand:

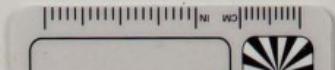
MR. S. G. BROOKER, M.SC.
PROFESSOR R. E. F. MATTHEWS, M.SC., PH.D., F.R.S.N.Z.

Director:

GILBERT ARCHEY, C.B.E., M.A., D.S.C., F.R.S.N.Z., F.M.A., F.M.A.N.Z.,

AIM Ann Report
1962 to 1963

ANNUAL REPORT
1962-1963



AIM Ann Report 1962 to 1963

Reports to Members



President

Financial Proposals Bill

It was a disappointment that the Bill to give the Museum assured revenue from statutory contributions, although widely supported by local bodies, failed to receive a favourable recommendation from the Local Bills Committee on account of lack of unanimity. The Council, realizing that unanimity is not to be secured, will now present a Bill including all who agree to participate.

Only a few of those who last year were in agreement with the proposals have not renewed their support for this year's Bill and we confidently expect that the coming session of Parliament will see a satisfactory enactment made.

Many visits were made to local body Councils in town and country in connection with the Bill. Participant members of these delegations from Council and staff have been Mr. Rose, Mr. Rennie, Professor Briggs, Colonel Hughes, Mr. Brooker, Mr. Sibson, Professor Searle, Mr. Pycroft, Mr. Atkinson, Professor Matthews, Mr. Fisher, Dr. Powell, the Director and myself.

Several local bodies in both town and country have notified increased voluntary contributions this year, including some to the amount assessed in the proposed Bill. Elsewhere in this Report we make detailed acknowledgment of the much appreciated help and support received from local authorities last year.

Council

Following the triennial municipal elections and the Museum Council election, we welcome as new Council members: Mrs. R. D. Horton, Dr. R. N. H. Bulmer, Dr. E. H. Roche, and Messrs. N. Blake, F. R. Brown and H. McK. Geddes.

Retiring members whom we cordially thank for their service during the past three years are: Messrs. G. E. Amos, E. Hay, F. E. McGehan and R. S. Southwell.

Matters requiring attention and decision are now such as to require detailed Committee consideration. The small Financial Proposals Committee has held many meetings and has arranged the numerous delegations to local bodies in which Council members and staff have both participated. Ad hoc financial matters

AIM Ann Report 1962 to 1963

as well as preparation of the budget are the responsibility of the Finance Committee.

The Museum Committee gives consideration to the care of the building and has consulted with staff members in charge of departments. The Institute Committee has arranged the lecture syllabus and has considered matters of constitution and policy, particularly in respect to the Royal Society of New Zealand. I make cordial acknowledgement to members of all these Committees for their valuable work.

At the Annual Meeting Sir William Goodfellow and Mr. W. Calder MacKay were elected to Honorary Life Membership; both former members of the Council, each has given distinguished support both in gifts and service to the Museum.

Members will join in congratulating our fellow-members honoured by Her Majesty the Queen: the Hon. Sir Alexander Turner, Sir Henry Kelliher, Mr. D. M. Rae, C.M.G., Mr. T. A. Bishop, O.B.E., Mr. L. le F. Ensor, O.B.E., and Mr. M. C. Gudex, M.B.E.

Congratulations are extended to Professor R. O. Piddington on the award of the Hector Medal by the Royal Society of New Zealand and to Professor R. E. F. Matthews on his election to the Fellowship of the Society.

Members

Changes in membership are as follows:

		As at 31/3/62	As at 31/3/63
Life Members ..	..	392	395
Annual Members ..		813	780
		1205	1175

Members Obituary

We record with regret the death of Mr. J. E. Astley, Mr. W. P. Baker, LL.B., Mr. A. E. Bolland, Mr. W. Caradus, M.Sc., Mr. W. H. Cocker, Dr. G. H. Cunningham, C.B.E., Sir Ernest Davis, Mrs. J. M. E. Firth, Mr. R. Forti, Mr. M. J. Gordon, Mr. W. Kingsley, Mrs. W. M. Kissling, Colonel R. G. Milligan, D.S.O., O.B.E., V.D., Mrs. Athol Mills, Mr. H. H. Partridge, Mr. D. B. Patterson, Dr. L. S. Rogers, Mr. J. C. Ross, Mrs. E. D. B. Sheffield, Miss M. Shipherd, Miss M. M. Vazey, Mr. E. Gordon Williams, Mrs. F. W. Wilson.

Sir Ernest Davis gave distinguished service in several fields to the city and his long interest in the Museum and his important

AIM Ann Report 1962 to 1963

gifts were acknowledged last year by his election to Honorary Life Membership.

Mr. W. H. Cocker gave outstanding services to University education; he has made a notable bequest to the Museum, of oriental ceramics and his collection of New Zealand books.

Colonel Milligan arranged for the Waihi gold mining historical records to come to the Library and he himself gave assistance in arranging and collating them.

Mr. Gordon Williams gave years of valuable honorary assistance in typing important historical records.

Dr. G. H. Cunningham's notable botanical research was an outstanding contribution to science and to agriculture.

Gifts

It is with by no means monotonous pleasure that we acknowledge recurring important monetary gifts. A special donation of £5,000 by the Auckland Savings Bank for installations in new exhibition halls is the fifth given for this and related purposes; these together with subscriptions to two building funds make the impressive total of £107,600 given by the Savings Bank towards the Memorial and the Museum. A further grant by the Sir John Logan Campbell Trust of £4,000 for the new Hall of Ornithology is gratefully acknowledged, as also are Mr. Buddle's bequest of £1,000 and his fine collection of books. Once again Miss E. L. Hellaby has given £100 for the Memorial, and the Museum has also received donations of £100 from Sir William Goodfellow and from Messrs. E. Astley and Sons, while Lions International instituted a stamp venture which enabled them to contribute £28. Donations were also received from Auckland Studio Potters', Auckland Acclimatization Society, Mrs. L. Beal, Dr. B. J. Bowden, Messrs. Brown's Mill Ltd., Mr. F. G. Davison, Festival Maritime Exhibition, Rev. Canon C. E. Fox, M.B.E., Mr. John H. Goodey, Huntly District School, His Grace Archbishop Liston, Mr. A. H. Marshall, N.Z. Deerstalkers' Association, N.Z. Institute of Medical Laboratory Technology, Ornithological Society, Mr. L. A. Paynter, Mrs. C. L. Robertson, Mrs. F. C. Robertson, Russell Centennial Park Board. We thank all these generous contributors.

Finance

It will be seen from the accounts that we have a small credit balance. It is also obvious that but for the voluntary donations from country local authorities and the voluntary increases by Metropolitan we should have had a deficit of over £5,000.

AIM Ann Report 1962 to 1963

With this assistance certain necessary supplies and services have been procured, also some brief part time assistance. But the Museum's chief and most urgent need, additional full-time staff, could not be secured. It would be imprudent to appoint even one extra scientist without *assured* additional revenue, and voluntary financial assistance, though very welcome, does not guarantee this.

Indications for the coming year are encouraging in that already increased voluntary contributions have been promised, including no less than twenty-two who will contribute the full amount shown in the Schedule to the revised Bill yet to be placed before Parliament. Council and staff join in appreciative thanks for this welcome support.

Local Body Contributions

1962-63

Metropolitan: Statutory: at 1/- per person of populations £24,610 10 0

Metropolitan: Additional —

	£	£	
Auckland City	2,735 0 0	Mt. Wellington Borough	165 0 0
Ellerslie Borough	29 10 0	New Lynn Borough	91 10 0
Glen Eden Borough	50 0 0	Otahuhu Borough	136 17 9
Helensville Borough	17 0 0	Papakura Borough	27 10 0
			£3,252 7 9

Provincial — Donations

	£	£	
Cambridge Borough	25 0 0	Paeroa Borough	30 0 0
Coromandel County	7 10 0	Pukekohe Borough	50 0 0
Dargaville Borough	10 0 0	Putaruru Borough	20 0 0
Franklin County	500 0 0	Raglan County	(1962) 50 0 0
Hamilton City	50 0 0	Rodney County	50 0 0
Hauraki Plains County	15 0 0	Rotorua City	205 0 8
Hikurangi Town	5 0 0	Rotorua County	75 0 0
Hobson County	156 0 0	Taumarunui Borough	3 3 0
Hokianga County	10 0 0	Taupo Borough	25 0 0
Hunly Borough	30 0 0	Tauranga Borough	50 0 0
Kaikohe Borough	11 7 9	Te Kuiti Borough	19 5 10
Kaitia Borough	10 0 0	Te Puke Borough	20 0 0
Kamo Town	20 0 0	Thames Borough	40 0 0
Kawakawa Town	3 9 6	Thames County	15 0 0
Kawerau Borough	42 11 8	Tuakau Borough	6 7 0
Mangonui County	5 0 0	Waikato Road Board	50 0 0
Matamata County	200 0 0	Waihi Borough	60 0 0
Morrisville Borough	10 0 0	Waitomo County	25 0 0
Murupara Town	5 0 0	Waiuku Borough	25 0 0
Ngaruawahia Borough	13 12 6	Warkworth Town	15 0 0
Opotiki Borough	6 8 2	Whangarei County	57 11 10
Opotiki County	17 5 0	Whangaroa County	2 2 0
Otamatea County	50 0 0		
Otorohanga County	161 19 5		
		£2,298 14 4	

The Museum

We compliment Dr. Powell on the attractive new Hall of Fishes and Whales completed during the year.

For the Planetarium sessions, provided free for the past three years by contributions from the donor company the Farmers' Trading Company and the City Council, a charge has now been instituted.

Important building maintenance work has included making waterproof the Entrance Hall skylight, the application of a successful pigeon deterrent to the main cornices and regular re-sealing of the bitumen roof surfaces.

Conservation

The Conservation Committee held four meetings during the year and made recommendations to the Council regarding the need for a conference of organisations interested in conservation, the widening of the representation proposed in the Nature Conservation Council Bill, the preservation of native bush areas and Maori Pa sites. The Committee suggested that action be taken regarding bush at Titirangi, along the coast between the Okura River and the Wade Estuary and in the Okahukura Block on the northern slopes of Tongariro. As regards the destruction on Ellett's Mountain it was decided to ask the Archaeological Society to associate the Committee in any study that may be made regarding the need for legislation to provide an opportunity for archaeological investigations before pa sites are damaged.

Messrs. J. H. Rose and V. F. Fisher represented the Museum at a conference in Wellington on 21st August, 1962 when it was decided to reform the Nature Protection Council to serve as an active and united spokesman for all organisations interested in conservation.

Commemoration

The Museum participates regularly in the ex-Servicemen's commemorations held at dawn and at eleven o'clock on Anzac Day, in commemoration of the Battle of the Coral Sea, Remembrance Sunday, American Remembrance Sunday, Battle of Alemain and Battle of Britain. A further notable public occasion was the official visit to the Museum by Their Majesties the King and Queen of Thailand.

The Community

By large regular attendances, visitors give daily acknowledgement of the place the Museum holds in the public mind; the two extra-mural activities continue to expand, the Extension Service with displays on country rota and the School Service with close to five hundred schools receiving displays. The native spring Flower Show was a record in every way, while special exhibitions pro-

AIM Ann Report 1962 to 1963

vided active assemblies for their participants, as well as new interests for visitors.

JOHN SEABROOK.



Chairman of the Trust Board

Maintenance and repairs of the Vaile properties, mostly re-roofing, this year have cost £832/13/6 (Queen Street, £530; New North Road, painting roof and plumbing repairs, etc. £134; Great North Road, sail loft, £114). It is anticipated that the last of the major reconditioning of these properties will soon be completed. For the property standing on a new motorway route, a very satisfactory sale price was negotiated for us; re-investment of the proceeds must be in landed property and the Board is making enquiries on this behalf.

Considerable mortgage and debenture repayments, £19,026, during this year, have required attention for re-investment which has been made in government stock and local body debentures. At the closing of accounts, £850 was awaiting investment; this has since been placed in local body debentures.

The invested funds of endowments, trusts and reserves now total £120,979 and are held in stock, debentures and first mortgage.

J. CAMPBELL RENNIE,

Acting Chairman.



Director

The Institute

Sixty years past is quite a while, but members who heard Mr. Ford speak of Scott's First Antarctic Expedition will agree that it seemed no more than a week ago. The addresses throughout the Syllabus were all of a high interest and our appreciative thanks are due to our lecturers for a most successful session:—

Mr. C. Reginald Ford, F.R.G.S.: "Memories of a Voyage to the Antarctic Sixty Years Ago"; Mr. Douglas A. Campbell, B.Sc., M.Agr.Sc.: On some aspects of Conservation; Professor E. J. Searle, D.Sc.: "Volcanoes: Sublime and Ridiculous"; Annual British Medical Association Lecture: Dr. Derek North: "Kidney Failure and the Artificial Kidney"; Professor R. E. F. Matthews, M.Sc., Ph.D.: "The Physical Basis of Heredity"; Mr.

AIM Ann Report 1962 to 1963

Richard St. Barbe Baker: "An Oasis in the Sahara"; Colonel T. Durrant, D.S.O.: "Some Historical Camellia Plantings in New Zealand"; Mrs. D. H. Steen: "Old Roses in New Zealand".

We are a Member Body of the Royal Society of New Zealand and I should like to mention that Contributory Member subscriptions, of only five shillings, could amount to a welcome annual contribution to the Royal Society from the Auckland Institute.

Sunday Lectures

These again proved popular though attendance was affected for the first one or two by the change in hall location. The ground floor Hall, intended for Ethnology, is proving quiet and conveniently placed. It is to be hoped that when it is required, shortly, for exhibition, a new Auditorium will be on the way: could it be an Auckland Institute Centennial project for 1967? The Sunday series comprised:—

Mr. H. Dansey, "Maori Carving Finds in the Taranaki Swamps"; Mr. A. A. Kirk, B.A., "Along the World's Sea Lanes"; Mr. C. J. Quinn, B.Sc., "The Natural History of Tasmania"; Mr. J. H. Rose, LL.B., "Samoa and the Samoan Way of Life"; Mr. D. Kear, B.Sc., "Mineral Wealth Near Auckland"; Mr. J. R. Lee, "Arms of the Maori Wars".

Exhibition Halls

A further stage in bringing the new exhibition halls into use was the completing by Dr. Powell of a very attractive Hall of Fishes and Whales; it is described in his departmental report, and acknowledgment is made here again of the Sir John Logan Campbell Trust grant of £2,000 which made its early completion possible. Dr. Cooper's report outlines the plans and progress of the new Hall of Botany and Forestry, for which an allotment of like amount has been made from the Auckland Savings Bank grant mentioned in the President's report. Preliminary planning of the new Hall of Ornithology is on the way: this is another hall for which the Sir John Logan Campbell Trust has made grants (£4,000).

The already too small Special Exhibitions Hall is being extended to link with the Goldie Maori Picture Hall, and the double area should meet future special requirements. Three Festival exhibitions are being held during the present month.

Museum Accessions

It will be seen from the list on pages 39 to 41 for how wide a range of accessions we make grateful acknowledgment. The

AIM Ann Report 1962 to 1963

ethnographical importance of Dr. Bulmer's gift has been noted in Mr. Fisher's report; important period furniture and ceramics purchased from the Edward Earle Vaile fund, a carved seventeenth century chair given by Miss A. Cumming, Italian wood carving, link lantern and seventeenth century embroidery presented by the David Nathan estate. Miss Frances I. Hunt has given a Waikato Mounted Regiment Officer's sword and uniform and Mrs. J. A. Watson, has presented Naval officers' uniforms; Air Commodore K. L. Caldwell, C.B.E., M.C., D.F.C., has presented a Nieuport S.S. fighter propeller and a German machine gun. Mr. Mervyn Hynes has again presented English porcelain and a silver mounted cut glass bowl and two fine George Morland engravings are the gift of Mrs. E. M. B. Hutchings; Mrs. K. H. J. L. Phibbs has presented a bronze ceremonial wine vessel: it is interesting to see in the great circular mat and garments presented by the Hon. Sir Leon Götz, K.C.V.O., what beautiful plaiting is done today by the women of Manihiki.

Special Exhibitions

As in previous years, the Festival Exhibition in May and the Cheeseman Flower Show in October were the major undertakings. During the former, on Primitive Art, a curious misunderstanding arose; it was supposed that the objects had been hidden for years in some storage cellar; actually most items had been on public exhibition for over thirty years. Nevertheless, the mistake demonstrates the value of a 'special' exhibition in attracting public attentions and interest. A particular value attaching to the Spring Flower Show is that it is now regularly a joint enterprise by the Botany Department and over thirty local groups and organizations. A printed programme or catalogue of their Special Exhibitions made acknowledgments of participation and congratulations are due to Dr. Cooper for the latter and to Mrs. Brookes and Mr. Bayliss for the former, on the success in organization and quality in display in each exhibition.

Other successful exhibitions were:—

Contemporary Pottery, by the Studio Potters Guild; Pottery from the collection of R. Chapman Taylor; Bacteriological Technical Equipment, by the New Zealand Institute of Medical Laboratory Technology; and Australian Aboriginal Bark Paintings, by Mr. John Stackhouse. Ship models were lent for the Festival Maritime Exhibition.

Research

Notwithstanding many other claims on the time of the staff, research activity continues. Dr. Powell's extensive undertaking outlined in his report will be published in several overseas journals

AIM Ann Report 1962 to 1963

and the present writers essays on Polynesian and on Maori Art will appear in the Universal Encyclopedia of Art. A double number of the Museum Records, issued during the year, completes volume five of the Museum's own scientific periodical. It contains six contributions: "Endemism and Isolation in the Three Kings Islands, New Zealand" — with Notes on Pollen and Spore Types of the Endemics, by Lucy M. Cranwell; "Variation in Tecomanthe speciosa, W. R. B. Oliver (Bignoniaceae) from the Three Kings Islands, New Zealand", by J. A. Hunter, D.S.I.R. and Robert C. Cooper; "A New Genus and Three New Species of Trichoptera", by K. A. J. Wise; "The Ants of the Three Kings Islands", by R. W. Taylor, Harvard University; "Coleoptera from Hen Island (Taranga), Northland, New Zealand", by J. C. Watt; and "Spiral-Dominated Compositions in Pare (Door Lintels)", by Gilbert Archey.

Educational

Besides special exhibitions, well attended planetarium sessions, Sunday lectures, School Service classes within the Museum and the conducted Museum tours of the Extension Service, extra-mural activities have all progressed, with additional towns taking the large exchange displays and the 'special exhibitions' sent to country shows and festivals. Mr. Bayliss's suggestion for a larger 'display' van which could itself stand as a small Museum in quite remote country places should be thought of as an advance for the near future. Over 450 schools, 375 of them in the country, received travelling loan cases; the number will reach 500 in the coming year.

Special planetarium sessions to scientific, technical and cultural groups are now regularly arranged, and no less than 32 outside lectures have been given by members of the staff. Interesting records and details of these may be read in the individual staff reports.

GILBERT ARCHEY.

Anthropology and Maori Race Section

With Dr. Bulmer again as Chairman, the Section had another successful year with increased attendances at all meetings. A Field Day held at Pukekawa Hill across the Waikato River from Tuakau was very well patronized. Under the joint leadership of the Rev. Mutu Kapa of Tuakau and Mr. Kora Dewes, a stop was made at the Alexandra Redoubt before continuing on to Pukekawa where the leaders recounted episodes from the Maori history of the surrounding country. To the leaders as well as to the owner of the property, Mr. Ian Orr, our thanks are due for an enjoyable and instructive day.

AIM Ann Report 1962 to 1963

Lectures presented were: — Professor Paul Wingert, "Methodology in the Study of Primitive Art"; Mr. J. R. Beckett, "Parish Pump Politics in Torres Straits"; Mr. Roger Green and Miss Janet Davidson, "Recent Archaeological Field-work in French Polynesia"; Mr. F. W. Shawcross, "Excavations and Experiences in Libya"; Mr. Pei te Hurinui Jones, "Nga Moteatea me nga Makirara— Maori Songs and Stories"; Symposium, "Problems of Maori Children Learning English". Speakers, Mr. G. L. Stafford, Mr. P. L. Hohepa and Mr. M. N. Lovegrove.

Officers of the Section are: Patron, Mr. J. Golson; Chairman, Dr. R. Bulmer; Hon. Secretary and Treasurer, Mr. J. T. Diamond; Committee: Dr. B. Biggs, Miss I. Hamilton, Messrs. J. Waititi, E. Grimes, V. F. Fisher, R. White, D. Simmonds and R. Scobie. Hon. Auditor, Mr. J. Prebble. The membership is 76.

Auckland Astronomical Society

Under the leadership of Mr. A. S. Partridge the Society has pursued new activities. Whereas in the past considerable thought had been given to the Observatory Mr. Partridge felt that as plans had been finalized we should lay emphasis on the practical nature of astronomy. We therefore did not publish a Syllabus but arranged our evenings as the year progressed. Emphasis in May and June was on the sky as we see it, described by different speakers, followed by a field night when the speaker explained under the starry sky what in his lecture he had discussed. This kind of evening was much appreciated.

Where possible lectures were given on the latest developments in astronomy and speakers like Dr. Whale who had just returned from U.S.A. and Mr. Bateson, F.R.A.S., who is engaged in the selection of sites for the Pennsylvania University were invited to speak and were well received.

A big evening was arranged with a special meeting to inform the membership of the Observatory project, its plan and what was involved. Mr. L. D. Nathan and Mr. Thorpe, Mr. Adams and Mr. Beaumont addressed this meeting. The plan of the Observatory was on show at the meeting.

The programme gathered in this way has been a very enjoyable one indeed.

The Society was present at the turning of the first sod at Cornwall Park where the Observatory is to be built. This was on June 20th and on this occasion the Observatory Appeal Fund was declared open by the President of the Trustees, Mr. L. D. Nathan.

AIM Ann Report 1962 to 1963

The big venture of the year was the "Infinite Sky" Display at the Farmers Trading Co. who kindly lent us their Blue Room for it. Mr. Peter Reed of Wellington planned the display and painted several murals for it; transparencies were lent by Carter Observatory, Wellington. It was a fine effort and aroused considerable interest both in astronomy and in the proposed observatory; several gifts for the observatory were given. In all some 5000 people attended. Also several new members were enrolled. The active financial membership is about 130.

It is felt that the building of the Auckland Observatory may be some way ahead and consideration is being given to a new venture, the acquisition of a 16-inch telescope in a small observatory for immediate use by members. Nothing however will be done that will not further the realization of the Auckland Observatory.

L. R. H. BEAUMONT, F.R.A.S.,
Hon. Secretary.

Conchology Section

This Section reports continued support and enthusiasm of its members who now number one hundred and sixty, with good attendances at the monthly meetings, and field days, which are now a regular feature.

Highlights of the meetings are illustrated talks by members, and lectures and displays by Dr. Powell to whom all are indebted for valuable information and assistance.

Due to high costs of publication the annual Bulletin is at present suspended, its place being taken by the quarterly issue of 'Poirieria', a cyclostyled magazine which also replaces the monthly newsletter and is meeting with most favourable reception.

The re-union which had to be postponed last year owing to Dr. Powell's trip overseas is to be held next October when it is hoped there will be a large gathering of members past and present. Work is progressing on the Manukau Harbour survey collection and it is hoped that it will be ready for presentation to the Museum during this same period.

President of the Section is Mr. J. B. Walker, and the Secretary is Mrs. L. Seager.

Maritime Society

A successful programme included a Company Evening on the "Tofua" as guests of the Union Steamship Company, and lectures on "Marine Engineering" by Mr. J. G. Penman, "Tanker Operation" by Mr. E. Clarke, "Pilotage" by Captain

AIM Ann Report 1962 to 1963

S. R. Wallis, and the "London River" by Mr. D. G. Betchley. Other evenings, included a "Captains Discussion Panel", a members' slide evening and a discussion by six members.

A pleasing feature is the increased interest in historical matters and greater participation by individual members. The work of assembling and recording maritime facts associated with the port and province of Auckland is being steadily carried on.

The Society acknowledges with gratitude the assistance it has received from so many.



Assistant Director

The new Fish and Whale Hall described in my last report was finished and opened to the public from August last. Funds completely covering the setting up of this hall were generously donated by the Sir John Logan Campbell Trust.

Three months of the year were spent overseas on research projects at American and British museums. This was the third of a series of four overseas trips sponsored by Mr. Dixon Stroud of New York. The fourth trip is proposed for some later date to examine collections in European museums. Funds donated by Mr. Stroud now total \$9,000 and this money is made available to me through the Academy of Natural Sciences of Philadelphia, where I am an honorary associate of the Molluscan Department. Advantages to the Auckland Museum of the above mentioned researches are that our collections become greatly enriched by acquired material and that opportunities arise both for field work and the study of research and display technique of overseas institutions.

The purpose of these trips is to further a long term research into the molluscan Family Turridae. The project covers the following inter-related topics:

The Indo-Pacific Turrids, for Academy of Natural Sciences, Philadelphia. (Manuscript nearing completion for Part I; coloured plates already printed.) The Turrids of Hawaii, for the Bishop Museum and the United States National Museum. The Turrids of the Sir John Murray Indian Ocean Expedition, (1934), for the British Museum. The Turridae for the Treatise on Invertebrate Paleontology; Geological Society of American and British Museum. An evaluated catalogue of the Turrids of the world, recent and fossil; (a major project dealing with ca. 10,000 species; manuscript well advanced). A sixth project concerns the Patellid molluscs of the Indo-Pacific for the Academy of Natural Sciences of Philadelphia and this also is well underway.

AIM Ann Report 1962 to 1963

Institutions at which the above researches were carried out were:

Bishop Museum, Honolulu (a grant was made available by them to cover all my expenses whilst there); California Academy of Sciences, San Francisco; United States National Museum, Washington (a generous grant was provided during my 1961 visit); Academy of Natural Sciences, Philadelphia; American Museum of Natural History, New York; Chicago Museum of Natural History; Paleontological Research Institute, Ithaca; British Museum (Natural History), London, and National Museum of Wales.

The personal approach in most instances has resulted in the granting of favours that probably would not have been forthcoming as a result of written applications. For instance, the following institutions gave approval for me to select large quantities of material and this has since been forwarded on extended loan and in many cases with leave to retain duplicates: Bishop Museum, Honolulu; Turrids from the historically important Pease and Garrett collections; limpets from extensive Hawaiian field investigations. California Academy of Sciences, San Francisco; West Coast and Central American Turrids. United States National Museum; Turrids from the "Albatross" (1904-1905) Pacific Expeditions; Hawaiian material and the Jeffrey's collection of deep-water Atlantic molluscs. Academy of Natural Sciences, Philadelphia; their entire world collection of Turrids, including results of the present series of Pacific expeditions. British Museum; the Turrids of three major collections, covering over 1,600 species lots.

In addition to the above, the University Museum, Copenhagen, is sending out their entire Turrid collection which ranks as the largest known, and the Israel Museum, Jerusalem, is forwarding their specialised Red Sea collection. Last May I selected and now have assembled here a cross section of the entire Australian Turrid collection of the Australian Museum, Sydney.

The collection of Turrids now assembled here is already sufficient for me to carry on my studies on a world scale that would not otherwise be possible with anything like precision.

The main object of the visit to the British Museum (Natural History) was the photographing of the type specimens of Turrids described over 120 years ago and otherwise known only by inadequate descriptions and poor or misleading figures. Photographs of 556 of these type specimens were taken. Prints from the negatives are now being made for mounting in index card form for future reference.

AIM Ann Report 1962 to 1963

During my recent trips, lectures were given at Philadelphia (2), New York and Sydney. A visit to the reconstructed early whaling port and Maritime Museum at Mystic, Connecticut, was of interest in view of the ultimate setting up in our Museum of a Maritime Hall. Other items of Museum interest were a highly successful method of displaying period furniture at the United States National Museum, and at the same Museum a trend towards staggered cases to break the monotonous continuity in long galleries, a technique already in operation in our new Fish and Whale Hall.

Since my return, most of my time has been taken up with routine matters accumulated during my absence overseas. Much curatorial work has resulted also from the recent accession of two large and important collections of molluscs—a collection of tropical Australian Shells donated by Mr. E. F. Hilton of Sydney, and a collection of New Zealand and foreign molluscs, collected by the late Mr. A. Jeakings of Nelson and donated by Miss J. Robertson of Auckland.

A. W. B. POWELL.



Ethnologist

The collections were enriched during the year by 928 specimens. Amongst the gifts of special interest the following deserve mention:

A large collection of ethnographical specimens from the Central Highlands of New Guinea, presented by Dr. and Mrs. R. N. H. Bulmer and Dr. B. G. Biggs. This material, from the Kyaka Enga of Western Baiyer Valley in 1959 and the Karam people of the upper Kaironk Valley in 1960, was collected by the donors and is fully documented.

A highly polished Maori stone adze with decorated poll from the Vaile Trust Fund; a carved wooden Maori panel, presented by Mr. S. Evans; iron nails from a Roman Legionary Fortress, presented by the British Overseas Airways Corporation; and a bombilla and gourd for Yerba Mate, presented by Mr. W. Barclay.

The laying of linoleum tiles in the research rooms has not only improved the appearance of the rooms, but has reduced the dust which kept working up from the floors. The provision of 47 wall racks in the western wing and 18 in the eastern wing of the research room has meant that the large collection of spears is now for the first time, sorted and readily accessible. This collection

AIM Ann Report 1962 to 1963

embraces Africa, Australia, New Guinea, Solomon Islands and other Melanesian areas, and Polynesia.

During the year the New Guinea material was sorted into related areas. The New Guinea collection is the largest from any part of the Pacific, and continues to grow steadily, and undoubtedly will expand still more as newer areas are opened up. Further tidying up of many assorted specimens, the remnant of the big move, has been carried out.

Two further local bodies were visited prior to the presentation of the Bill before Parliament. Nine lectures have been delivered and several groups guided through the Maori halls. Three parties from Ardmore, Christchurch and Dunedin Teachers' Colleges, respectively, were shown over the old *pa* of Maungakiekie (One Tree Hill) in order to describe the old Maori environment and history, and in particular to examine and explain the earthworks of this hill fort. Students from the Anthropology Department of the University of Auckland in two parties visited the Museum to study material in the reserve collections from the Central Highlands of New Guinea, the Trobriand Islands and Tikopia. Prior to the visit of H.M.N.Z.S. Royalist to American and Canadian ports, several conferences were held with senior officers of the ship to discuss the loan of suitable Maori material for the trip, and when the selection was finalised, a talk on the collection was given to officers in the wardroom. A paper on "The *heru* or Maori comb" was published in Volume 5, No. 1 of the Newsletter of the New Zealand Archaeological Association and an article on "The Indian Birch Bark Canoe" was published for a special feature in the Auckland Star. During the year 18 Girl Guides were tested for the Maori badge and 5 for the Woodman. Attention has been devoted to the collection of Oceanic language texts as required.

An ever-increasing demand for the loan of material is noted, those groups and bodies borrowing included H.M.N.Z.S. Royalist, The Auckland Savings Bank, The Ardmore, Hamilton and North Shore Teachers' Colleges, the pre-history department of the University of Auckland, the Papatoetoe Borough Council, the Howick District Centennial Committee and the Auckland Adult Education Centre.

As a member of the Conservation Committee I have attended meetings as held and in addition represented the Committee at a special meeting held in Wellington to consider the Nature Conservation Council and related matters and also acted on a special sub-committee set up at that meeting. Other offices held during the year include serving on the Council of the Art Galleries and Museums Association, as a member of the National

AIM Ann Report 1962 to 1963

Historic Places Trust and on the committee of the Linguistic Society of New Zealand.

Mrs. E. E. Warneford has continued to give excellent service as Recorder. In addition to her recording duties she has assisted in a multiplicity of tasks within the department, and in particular has done much work on Victoriana, bygones and New Guinea material. Mrs. R. Horton, who has served in an honorary capacity three mornings a week for most of the year, has assisted with sorting New Guinea material, the Maori greenstone collections and other duties. Her willing assistance is very much appreciated.

V. F. FISHER,



Botanist

Botanists using the Herbarium during the year included Dr. R. Melville of the Royal Botanic Gardens, Kew, Miss R. Mason, Dr. E. Edgar and Mr. I. Atkinson of the Botany Division, D.S.I.R., Mrs. A. Rudolph of the Botanical Library, Harvard University, Dr. J. A. Rattenbury and students of the Botany Department, University of Auckland, Miss M. Crookes (ferns), Messrs. V. J. Cook (sedges), E. D. Hatch (orchids), and Mrs. I. Barr (mosses).

During April 1962 I visited the Volcanic Plateau to assist Dr. B. F. Cain of the Cancer Research Unit to collect plants for testing. I have also assisted Dr. R. N. Seelye of the Chemistry Department of the University of Auckland with the identification of plants for analysis. In March 1963 a film prepared by the British Empire Cancer Campaign Society and entitled "The Long Campaign" was released. This star-studded documentary shows the identification of plants at the Museum, and the Cheeseman Herbarium where voucher specimens are kept.

Other fieldwork has included visits to Mangonui, to measure garden plants of *Tecomanthe* for a paper in the Museum Records, Whitianga, to collect colour forms of *Pittosporum umbellatum*, and Great Barrier Island, with Mr. G. Zinzan and a party of Ardmore College students. Visits were made to New Plymouth in June 1962, to lecture to the Taranaki Forest and Bird Protection Society, and in March 1963, to attend the Biennial Conference of the Art Galleries and Museums Association.

In July 1962 assistance was given to Mr. Curtis of the Medical Laboratories, Grafton, with the arrangements for a conference of bacteriologists, and in October arrangements were

AIM Ann Report 1962 to 1963

made for the 22nd Cheeseman Memorial Native Flower Show to be held in the Cheeseman and adjacent halls. An attractive programme of the Show was published describing its several aspects and making acknowledgments to the many members and societies whose enthusiastic participation ensured its success. A gratifying feature of the 1963 Show was the entry of 400 in the children's competitions.

In July we found that Dermestid beetles were increasing rapidly in the Cheeseman Herbarium. The problem of fumigating over 100,000 specimens was mentioned in my last annual report. We set off 4 Lindane bombs in the Herbarium (and brought out 4 units of the Fire Brigade), but the smoke did not penetrate the tightly-packed plants. Finally we moved the collection to the centre of the Botany Room, covered it with a plastic sheet, and Messrs. Blades treated it with methyl bromide gas. This killed the insects. The new arrangement of the collection will be kept so that the gas can be applied again when necessary. We are indebted to Shell Chemicals, Mt. Albert Research Station, the Quarantine Station of the Agriculture Department and Blade's Fumigation Service for advice and assistance.

The need for checking and renaming the collection in accordance with the new *Flora of New Zealand* was mentioned in the last report, and will remain a problem until we have more staff. The Museum Committee interviewed us during the year regarding the needs of the Botany Department and we hopefully await the outcome of their studies. The rapid clearing of bush and scrub about Auckland is creating a new problem. It is becoming increasingly difficult to supply plant chemists and other enquirers with precise localities for many native species. Field-work to provide accurate records of the whereabouts of rapidly disappearing species is needed.

In October the display cases in the Cheeseman Hall were cleared for new exhibits. Repairs to the plaster ceiling, repainting, a supply of electricity, linoleum and new displays are planned. Miss J. Goulding is checking old labels and preparing text for new exhibits. The *Herald* has published her articles on early wheat-growing, flour mills, flax-growing and rope-walks, and they have brought in a welcome amount of material. We are indebted to Brown's Mill, Durham Lane, for an early Auckland flour mill, to Messrs. Donaghys for a rope-making machine, and to Dr. W. Cameron and students of the English Department of the University for assembling a printing press. This will be the centre-piece of the displays on pine pulp and paper.

Mrs. P. Hynes has added to the collections from her field-trips to North West Nelson and Stewart Island, answered

AIM Ann Report 1962 to 1963

enquiries, and cleaned up much of the mess resulting from the beetle infestation. I am indebted to her for continued interest and assistance.

ROBERT COOPER.



Librarian

Once again many valuable and interesting additions have been received both by gift and by purchase. The largest collection was a bequest of about 700 books chiefly on naval history, from the late Mr. W. Kingsley, a member of the Institute. Another bequest, mainly New Zealand books and pamphlets, came from the late Mr. W. H. Cocker. Many other donations have been received which are too numerous to mention individually, but we do express our thanks to the donors whom we have listed at the end of this report.

Through contacts made by Dr. A. W. B. Powell when he was overseas, we have received from both Australian and American institutions a number of periodicals as gifts, and these fill gaps in some of our incomplete sets.

Unpublished letters, diaries, etc. continue to be received, and during this past year some most important material has come to the library either by gift or deposit. Documents previously housed at Bishopscourt, Auckland, were transferred to the library on deposit. They are concerned chiefly with Bishop Selwyn and the Melanesian Mission, and among them is an important document concerning the cession of land to the Pitcairn Islanders resident in Norfolk Island. This document, dated June 25, 1856, has been the subject of much conjecture for many years, some writers doubting its existence. Its discovery, therefore, has created considerable interest both in Norfolk Island and Australia. Other Selwyn documents have been placed in the library as a loan in perpetuity by the Bishop of Auckland, the Rt. Rev. E. A. Gowing. These papers were brought to New Zealand by the Rev. W. R. Castle, who obtained them from Bishop Selwyn's grandson. Included among them are many interesting letters dealing with various aspects of the New Zealand Mission.

Photostat copies with typescripts, of letters written by J. C. Galbraith during 1880 and 1881 were donated by Mr. D. N. Chambers. Mr. Algar Williams of Christchurch has deposited further material, including copies he has made of letters etc. of Henry Williams and others. These are in 32 bound volumes, and have marginal notes and references which are of great value.

AIM Ann Report 1962 to 1963

Prescription books of an Auckland firm of chemists, covering the period 1870 to 1912, were donated by Mr. F. B. Duvall. Plans of the "Ngapuhi", the "Rarawa" and other vessels were given by the Misses Gow. A collection of material including photographs and pamphlets was received from the estate of the late Miss E. M. Nixon of Howick. From the A.M.P. Society we received the original deed of their Queen Street property.

Miss Als Jones donated a linen scroll showing the heraldic pedigree of Jones of Brawdy, done by her father, the late Canon H. B. Jones. This beautifully lettered scroll is 50 feet long, and shows 35 major pedigrees and a number of lesser ones. It is the result of many years of careful research and is a most interesting piece of work.

Through the Maritime Society, papers belonging to W. Affleck connected with the early history of the port of Opunake, were received from Miss P. Crowley, and papers of Captain Andrew Cunningham, from Mrs. A. C. Bassett.

From the beginning of February, the library has been closed for one day a week so that the staff can work without interruption. It was with reluctance that we resorted to this measure, but until the financial state of the Museum makes it possible to appoint sufficient staff to the library, some curtailment of hours or service is unavoidable. Every year shows an increase in the use being made of the library, and more and more time is spent in answering enquiries, and in carrying out the work which is the inevitable result of the increased use of the library's stock. Also, enquiries from other parts of New Zealand and overseas are increasing, so that the essential work of acquiring material, and recording it when it comes in, cannot be done satisfactorily. The fact that it was possible to catalogue only 984 of approximately 2000 books which were acquired, is an indication of the seriousness of the position, for this means that the whole of the library's stock cannot be made available. During the year 5147 books were borrowed by members, and 362 by other libraries. 3266 people used the library for borrowing or reference, an increase of 500 over the previous year. Although there was no increase in staff, library hours were extended in 1960 to include Saturday morning, as it was felt that many members would be unable to make use of the library except on Saturdays. In view therefore of all this, we trust that members will understand the position we are in, and that no one will be too greatly inconvenienced by the Wednesday closing.

Work on the Women's Archives continues, but it is not possible for much of the library staff's time to be spent on it. However, a group of women from the National Council of Women and other organizations continue to come to the library once a

AIM Ann Report 1962 to 1963

month and collect information on New Zealand women. In addition, several women in other parts of New Zealand collect information relating to their own district. To all those who assist in this work, I would like to express my sincere thanks.

I also wish to express my very deep appreciation to others who have given voluntarily of their time to help in the library with various special jobs. Miss Mary Knowles, a trained librarian, gave two weeks of her free time to working on the library's photograph collection; Mrs. J. Wilson did some most valuable work on the manuscript collection; and Miss Joan Caughey has been coming in every day to do the very important work of typing manuscripts. All have done work which has been greatly appreciated.

Miss Y. Kee, a Colombo Plan student from Singapore, who recently graduated from Library School in Wellington, spent two weeks working in the library during December in order to gain practical experience.

Four new bays of steel shelving were erected, sufficient to accommodate about 1200 books.

We wish to thank the following persons for gifts of books, pamphlets, maps, photographs or manuscripts:-

Sir Edmund Hillary, Colonel A. R. Hughes, Ven. Archdeacon A. E. Prebble, Canon Godfrey, Rev. D. H. Mellsoop, Rev. Brother Thomas, Dr. A. Cumming, Dr. A. Howard, Dr. M. Palmer, Dr. R. M. S. Taylor, Mesdames F. G. Allen, D. Allhusen, M. Armstrong, I. L. Barr, M. T. Cortesi, Dacre, F. Evans, D. Heal, L. W. Holt, J. H. Jackson, A. Peel, Randle, S. Stewart, Misses M. W. Clarke, A. Z. Dixon, E. A. Grant, F. I. Hunt, E. M. Kempthorne, M. McKinnon, M. Spicer, E. M. Stephenson, R. Stuart, T. Wilson, Messrs. D. C. Berry, J. J. Bishop, V. Bower, V. A. Brown, H. F. Bull, D. N. Campbell, C. P. H. Donald, B. V. Fitzgerald, J. B. Flynn, C. R. Ford, C. J. d V. Giessen, W. Heap, J. G. Jennings, R. F. Keam, H. G. King, A. M. Laing, F. E. Langton, J. J. Laws, C. G. Lennard, G. D. Moon, H. C. Murgatroyd, H. M. Newton, W. Nicol, H. T. Porter, A. Ringer, J. H. Rose, F. Schischka, R. G. Scott, J. M. Simpson, H. Whitnall Smith, W. Smith, J. M. Staepoole, A. Sutherland, N. R. W. Thomas, C. W. Vennell, H. C. West, O. Wilson.

ENID A. EVANS.



Planetarium Lecturer

Attendances have been well maintained during the year, the figures for most months exceeding those for the preceding year but the prolonged fine weather after Christmas reduced the number of visitors and the annual total.

AIM Ann Report 1962 to 1963

Attendances for the year, with the 1962 figures in parentheses, were as follows:—

School parties .. .	5,733	(5,506)
Public .. .	35,581	(37,750)
	41,314	(43,256)

Attendances since the planetarium opened in October, 1959, totalled 174,739. Of these figures 24,998 represented school parties and 149,741 at public sessions.

Many school parties during the year travelled a long way to visit the planetarium, from the farthest north down to the King Country and down the east coast as far as Gisborne and Napier.

The educational value of the planetarium has been more widely recognised during the year. The Auckland School of Navigation has stated that in future it will send all its pupils to special demonstrations of the principles of navigation, while students of surveying at the Seddon Polytechnic and through the Survey Students' Association make a practice of attending special demonstrations illustrating their textbook on Astronomy for Surveyors. The Royal New Zealand Air Force has also sent A.T.C. trainees while on special courses in the city.

Regular visits for special lectures have also been made by science and geography groups of students from the Auckland and Ardmore Colleges and during the year the writer paid a visit to Ardmore to lecture to the new Astronomy Club formed there by Mr. Zinzan. Mr. C. C. Roberts, of the Education Department, has also made sure that science teachers on special courses in the city have had the opportunity to study the value of the planetarium in education.

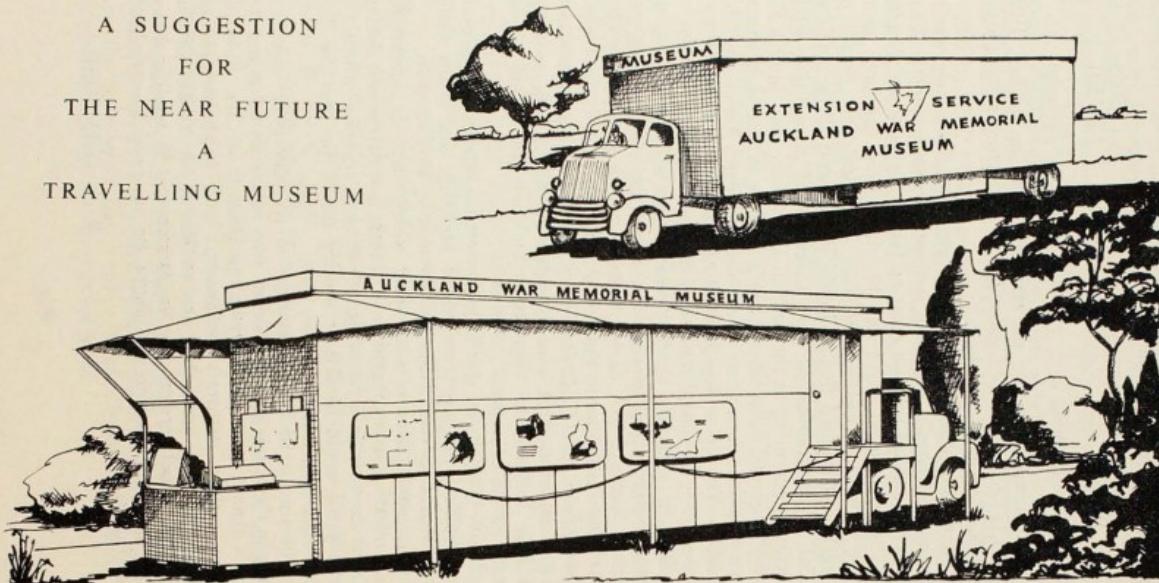
Visits by clubs to special night sessions are becoming even more popular, judging from recent bookings, and many clubs which attended several years ago are making further visits.

The planetarium is also being widely used in answering astronomical questions that arise. The most unusual request during the year came from a travel agency anxious to know whether a tourist party would be able to see the moon rise over the Taj Mahal on a certain date.

The success of the planetarium in its educational role lies mainly in the hands of educationists who realise its value and the writer's thanks must be expressed particularly to Mr. Roberts, training college lecturers, headmasters and headmistresses of Auckland colleges and school and to Mr. R. A. Scobie, of the Museum's school service, who is instrumental in sending many groups to the planetarium who might not otherwise have realised its usefulness.

R. A. McINTOSH.

A SUGGESTION
FOR
THE NEAR FUTURE
A
TRAVELLING MUSEUM



AIM Ann Report 1962 to 1963

Extension Service

The service to the province in the way of the display case scheme has been maintained as shown in the annual report of last year. Two new cases have been made. Duck Food and The Decorative Use of Native Timbers.

Displays for special occasions have been set up in the Museum and taken to the following places: Whakatane, Epsom Boat Show, Matamata Winter Show, Tauranga Boat Show, Morrinsville A. and P. Show, Rodney A. and P. Show. These displays usually require a space of approximately 10 feet by 8 feet and include as subjects Native Birds, Musical Instruments and Pacific Canoes. It is necessary to take the backgrounds to the site as well as the exhibits.

The Auckland Acclimatization Society provided funds for us to purchase 26 fibre travelling cases. These have proved invaluable for carrying birds without damage. We are thus enabled to lend much better specimens than before. The Acclimatization Society is a constant user of our bird specimens for displays throughout the province.

The guiding of tourists through the Museum has continued.

The Museum van has now travelled 17,000 miles and has proved itself very suitable for the work. It may be that to cover the province more fully, a larger type of vehicle with displays set up at the Museum, would be ideal. This "travelling Museum" could park in smaller areas and provide a one or two day exhibition.

The standard of the displays during the year has been excellent, which is entirely due to Mrs. Brookes.

T. J. BAYLISS.



School Service

Summary of services for the year ended 31st December, 1962.

Attendances for one-hour lessons:

Primary	Intermediate	Post-Primary	Total
31,676	2,674	2,727	37,077
Student Teachers on Section ..	..	..	111
Numbers in Visiting Student-Teacher Classes			1,226

Schools Receiving Loan Material:

City: 75	Provincial: 346	421
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Planetarium: This department provided the organization for many school visits.

The major effort has been in the development of the loan service to the schools. By the addition of fifty exhibits, sufficient variety and balance has been achieved to re-group the entire

AIM Ann Report 1962 to 1963

collection of loan material and to reorganize its administration. In future, almost all provincial schools will know what exhibits they will receive for several years in advance and will be able to plan on that basis. The reduction in the amount of administrative work per unit school will make it practicable to admit more schools. Partly on account of this task, but more because of an accumulation of long term maintenance work, the metropolitan circulation was suspended in the third term.

Considerable attention has been devoted to setting up two new powerful film strip projectors and to exploring their use in the galleries themselves (with a view to reducing the physical effort of the children and the wastage of their time in this greatly extended building) : to establishing new sets of visual material; to re-boxing the collection of tactile material; to developing a better type of loan-book service for student-teachers; and to a re-examination and evaluation of the teaching material in the Museum.

Much time has been given to the instruction of student-teachers of the three colleges using the Museum as a part of their academic courses, or to the organization of facilities for them (which reached record dimensions) : to informing members of the staffs of Teachers' Colleges as to the educational potential of the institution; and to the briefing of students unable to come on section as to the resources available to them. The publication of the Report of the Education Commission has not been without its repercussions.

In this stimulating situation the poorest element is the lack of adequate accommodation for students and pupils.

The Education Officer was co-opted to the Organizing Committee for Education Week. As a part of the programme, four open days for parents were organized at the Museum as well as an exhibition of school loan material. He attended the National Refresher Course at Ardmore for the staffs of Teachers' Colleges. With the accent on the future development of student-training, this proved most inspiring.

We are indebted to the Auckland Education Board for supplying 40 letholite cases, a filing cabinet, a set of 5 crates, and 80 children's stools, without which this progress would not have been possible. We greatly appreciate the interest of the Chairman of the Auckland Education Board, Mr. Mawson, and several of his officers in visiting our department.

Full credit must be given to the individual members of the staff, without whose co-operation this developmental work would not be possible, and particularly to the Art-Technician, Mr. McCaw, on whose shoulders the brunt of the re-organizing of the loan service has fallen.

R. A. SCOBIE, F.M.A.N.Z.

AIM Ann Report 1962 to 1963

List of Benefactions made to the Auckland Institute and Museum of an amount (or value) exceeding £50.

MONETARY GIFTS.

- 1876 Auckland Citizens: £2,026 subscribed towards first building.
1878 Mr. J. C. Firth donated £106 for show cases.
1884 Mr. Edw. Costley bequeathed £12,150.
1887 Mr. David Nathan bequeathed £100.
1897 Mr. T. Russell donated £100 for geological specimens.
1901 Auckland Citizens subscribed £1,000 for Mair Collection.
1902 Mr. E. A. Mackenzie bequeathed £2,500.
1906 Auckland Citizens subscribed £662 for carved houses.
1911 Auckland Citizens subscribed £684 for ancient carvings.
1913 Sir John Logan Campbell bequeathed £1,000.
1921 Institute Members subscribed £115 for Temple Bronzes.
1923 Sir Wm. H. Herries bequeathed £1,000.
1924 Citizens subscribed £698 for Maori collections.
1925 Institute Members subscribed £100 for Maori collection.
1926 Sir James Gunson Presentation Committee presented £118 for
Maori collection. Mr. David Goldie bequeathed £1,000.
1927 Mr. F. Shaw bequeathed £1,000.
1929 Mr. S. J. Ambury bequeathed £250.
1934 Mrs. R. M. Wilson: £50/10/-, given to establish the Sir Edwin
Mitchelson Prize Fund.
1940 Mr. Maurice Harding bequeathed £500.
1941 Mr. Ormsby Gore Adams bequeathed £100.
1942 Mr. J. A. Pond bequeathed £100 to commemorate the scientific
achievements of Thomas F. Cheeseman.
1944 Mr. E. Earle Vaile gave two blocks of shops and residences
worth £10,000 as an endowment for ethnological collec-
tions and books.
Mr. R. C. Horton gave £200 towards extending the mineral
collection.
Sir Albert and Lady Ellis gave £150 for Library book-cases.
£428 received on account of a bequest by Mr. C. V. Houghton.
Mitchelson Prize Fund increased to £100.
1945 Mrs. Bertha Wilson gave £2,000 as an endowment for Cine-
matography.
Auckland Savings Bank gave £500 for improvements to
Exhibition Halls.
Auckland Electric Power Board gave £100.
Mr. R. C. Horton gave £70 for purchase of Georgian Silver
Tea Set.
Sir Cecil Leys and Lieutenant T. H. Leys, R.N.Z.N., gave £500
for purchase of ethnographical specimens.

AIM Ann Report 1962 to 1963

- 1946 Mr. E. Earle Vaille: Gave a freehold section with a two-storey building in Queen Street worth over £30,000 as a further endowment for ethnographical collections and books.
- 1947 Auckland Savings Bank Centennial Gift of £5,000.
Mr. A. V. Hanson bequest of approximately £2,000.
- 1948 Mr. E. P. Mitchelson, bequest of £1,000.
- 1950 Mrs. Sarah Ann Powley, bequest of £171.
- 1951 Sir Cecil Leys bequeathed £1,000.
- 1951 Mrs. Bertha Wilson gave £1,000 endowment for photography.
- 1952 Mr. James C. Entrican: Bequest of £1,000 for numismatics.
- 1954 Captain G. A. Humphreys-Davies: Bequest of £500.
Sir Albert Ellis, C.M.G.: Bequest of £100.
- 1956 Sir Alexander Johnstone, O.B.E., Q.C.: Bequest of £500.
Sir William Goodfellow: £100 for early English ceramics.
Sir Carrick Robertson, F.R.C.S.: Endowment of £600 for research on offshore islands.
- 1960 Auckland Savings Bank gave £500 to furnish the Cheeseman Herbarium.
A Member gave £75 towards furnishing the Herbarium.
Mr. W. B. Dixon Stroud gave £142 towards equipping and furnishing the Marine Zoology store and study rooms.
£1000 received from an Institute Member to extend popular science publications.
- 1961 Sir William Goodfellow: £250 towards purchase of van; £150 for purchase of porcelain.
Mr. L. J. Ayre: bequeathed £852.
Auckland Savings Bank gave £600 for equipping the children's hobbies room.
Mr. H. J. Atkinson: bequeathed £685.
Dr. J. A. Clinch: bequeathed £500.
Anonymous: £500 for the memorial halls.
Miss E. L. Hellaby: £100 for the memorial halls.
Institute Member: £200 for exhibition halls.
Sir James Fletcher and colleague firms: Materials for equipping hobbies' room and staff room.
- 1962 Mr. H. D. Buddle: bequeathed £1,000 and many books.
Sir John Logan Campbell Trust: £2,400 grant for display hall.
Miss E. L. Hellaby: £100 for memorial halls.
Mr. John Seabrook: £250 for micro-film reader.
Mr. W. B. Dixon Stroud: \$6,000 for Dr. Powell's molluscan research.
- 1963 Messrs. E. A. Astley and Sons: £100.
Miss C. A. Atkinson: bequeathed £53/14/2.
Auckland Savings Bank: £5,000 for new exhibition halls.
Sir John Logan Campbell Trust: £4,000 for new Hall of Ornithology.
Sir William Goodfellow: £100.
Miss E. L. Hellaby: £100 for memorial halls.

SPECIMENS AND BOOKS.

- 1876 Mr. R. C. Barstow: Large collection of Maori articles.
1877 Mr. G. F. Edmonston: 564 volumes of scientific works.
1878 Mr. T. Russell, C.M.G.: 34 casts from the antique.
1878-83 Mr. J. T. MacKelvie: 390 books and ethnology collection.
1887 Mr. C. O. Davis: Valuable Maori collection.
1901 Mr. L. D. Nathan: Japanese Shinto Shrine.

AIM Ann Report 1962 to 1963

- 1913 Mr. Henry Shaw and Mr. F. Shaw: 172 scientific books. Hon. Sir Edwin Mitchelson: Valuable Kauri Gum collection.
- 1915 Dr. C. E. R. Bucknill: Collection of Old English Glass.
- 1916 Mr. Henry Shaw: Collection of Japanese art.
- 1917 Miss Ruth Northcroft: Large Maori and Polynesian Collection.
- 1919 The Misses Yates: Collection of Indian weapons.
- 1920 Mr. James Dunning: Collection of North American Mammals.
- 1921 Mr. W. A. Aldred: Valuable collection of Maori specimens. Hon. J. B. Turner: Important Fijian ethnographical collection.
- 1923 Mr. T. F. Cheeseman, F.L.S., F.N.Z.Inst.: The Cheeseman Herbarium of native and foreign plants.
- 1924 Mr. Wm. Sutherland: Melanesian ethnographical collection. Mr. A. C. Caughey: Fijian and New Hebridean ethnographical collection. Mr. R. A. Meek: Ethnographical specimens from Bismarck Group. Messrs. Samuel Vaile & Sons: Large collection of Maori greenstone articles. Sir Cecil Leys and Mrs. Selwyn Upton: The Edge-Partington ethnographical collection of over 2,000 specimens, given in memory of their father, Dr. T. W. Leys.
- 1925 Mr. F. Crossley Mappin: Valuable Maori and South Pacific exhibits.
- 1926 Mr. Geo. F. Webster: Valuable Maori antiquities. Mr. H. R. Butcher: Collection of British coins. Mrs. E. M. Ball: The Thos. Ball Zoological collection. Mr. F. Crossley Mappin: Ancient Chinese ceramic specimens. Mr. Hallyburton Johnstone: Silver cup presented by Queen Victoria in 1878 to the Royal George Yacht Club.
- 1927 Mr. F. Crossley Mappin: Valuable Maori carvings. Mr. Moss Davis: Valuable ethnographical specimens.
- 1928 Sir Cecil Leys and Mrs. Selwyn Upton: Unique and richly carved feather box. Mr. J. R. Adams Wilkes: Ethnographical collections from Nigeria and New Guinea. Mr. Harry Kinder: The Dr. Kinder Collection—Maori and Melanesian. Mr. E. Earle Vaile: Important collection of Maori stone carvings and collection of Eastern ethnographical specimens. Mrs. S. J. Lushington: Large collection of mollusca.
- 1929 Mr. T. H. Barstow: Maori canoe prows and stern posts. Mr. W. R. McGregor: New Ireland carved memorial figures. Mrs. Miss and Mr. A. N. Cooper: The Charles Cooper collection of mollusca. Rev. W. H. Webster: Large collection of mollusca. Mr. C. E. Clarke: Large collection of N.Z. Insects. Executors Mr. W. M. Cole: Stone and Bronze Age Artifacts. Miss Webster and Mr. G. F. Webster: Water-colour drawings of the Solomon Islands.
- 1930 Mr. John Kenderdine: Large collection of books and pamphlets, including rare early New Zealand works. Mr. H. E. Vaile: A large collection of Maori implements and greenstone ornaments. Mr. Moss Davis: Selected Maori exhibits; also porcelain and ivory. Mr. L. J. Matthews: Two specimens of Moa eggs. Dr. L. Cockayne: Large collection of N.Z. plants.

AIM Ann Report 1962 to 1963

- 1931 Sir Cecil Leys and Mrs. Selwyn Upton: Valuable Maori antiquities; additions to the Dr. T. W. Leys collection. Mrs. S. J. Lushington: Collection of Silver and Sheffield Plate. Mrs. A. C. Lennard: Collection of English porcelain.
- Lt.-Colonel A. R. Hughes: Collections of birds and mollusca from Ceylon.
- 1932 Mr. H. S. Dadley: Large and valuable collection of Oriental Arts. Mr. Moss Davis: British Gold and Silver Coins and European Ivories and Bronzes. Hon. Sir James Parr: Gold and Silver Mementoes of public events in New Zealand, and case for their display.
- 1933 Vaile Collection: Additional gift of many valuable Maori antiquities. Mr. W. Goodfellow: Extensive ethnographical collection from Northern Melanesia.
- 1934 Miss Eleanor Brown and Mrs. Geo. Brownlee: Collection of heirlooms of the Ngati-toa and Ngati-awa Tribes.
- Messrs. R. B. & G. Matthews: The H.B. Matthews Herbarium.
- 1935 Mr. F. Crossley Mappin: Maori Specimens, including hand-somely carved sternpost.
- The Admiralty: Model of H.M.S. New Zealand.
- 1936 Captain G. Humphreys-Davies: Large and valuable collection of Chinese pottery figures. Mrs. T. G. Russell: 235 volumes of chemical and physical works from the library of her father, the late Professor Brown. Mr. E. Earle Vaile: Valuable Maori hei-tiki and Rapa Island stone artifacts. The Estate of the late H. E. Vaile: Maori and Polynesian ethnographical collection; carvings and ornaments.
- 1937 Mr. E. Earle Vaile: Collection of ethnographical specimens and six Italian bronzes. Sir Algernon Thomas: Library of scientific books and papers.
- 1938 Mr. E. Earle Vaile: Gift of many early New Zealand books and journals. Mr. J. R. le B. Tomlin: Gift of valuable early editions of natural history works. Mr. F. Crossley Mappin: Early Chinese Pottery and Bronzes.
- 1939 Mr. E. Earle Vaile: Maori carvings, large Melanesian collection and gifts to the Library. Mr. J. R. le B. Tomlin: Gift of early Worcester china and early works on natural history. Mr. W. Goodfellow: Large Melanesian collection.
- 1941 Mr. H. R. Jenkins: Historic anchor associated with the ill-fated H.M.S. Bounty. Mrs. T. G. Russell: 500 volumes of botanical and biographic works from the library of her father, the late Professor Brown.
- Mr. Ormsby Gore Adams bequeathed cinema camera, photographic equipment and nature films.
- 1942 Mrs. A. A. Richardson: The late Mr. J. D. Richardson's extensive collection of early Auckland photographs and lantern slides.
- Col. the Hon. F. Waite, D.S.O., M.L.C.: Large collection of Egyptian pre-dynastic artifacts, flints, slate palettes, and pottery 7500-4300 B.C.; also pottery lamps of Egyptian, Roman, Greek and Arabic manufacture.
- 1943 Captain G. A. Humphreys-Davies: His extensive and valuable collection of Chinese arts. Mr. E. Earle Vaile: Large collection of books and pamphlets on exploration and early life in the South Pacific. Mrs. W. H. Hemingway: The late Mr. Hemingway's display and cabinet collec-

AIM Ann Report 1962 to 1963

- tions of insects. **Colonel the Hon. F. Waite, D.S.O., M.L.C.:** Further collections from Egyptian Pre-dynastic, Dynastic and Ptolemaic periods.
- 1944 **Mrs. B. Quigley and Miss E. Kenderdine:** Large number of books on early New Zealand history. **Mr. E. Earle Vaile:** Collection of works on South Pacific exploration and New Zealand history. **Captain G. A. Humphreys-Davies:** Ancient Chinese bronze sculpture. **Mr. J. C. Entrican:** Large collection of Eastern Polynesian stone implements.
- 1945 **Mr. W. G. White:** A valuable very representative collection of Worcester and Chelsea China. **Mr. E. Earle Vaile:** Important Maori Ethnographical Collections, and books on South Pacific Exploration and New Zealand History.
- 1947 **Lady Leys Fund, Sir James Gunson Fund, and E. Earle Vaile Fund:** Collection of 60 greenstone hei tiki and greenstone adzes purchased in England.
Mr. Jas. C. Entrican: Gave his extensive collection of medals and coins and library of books on Numismatics.
Mr. Geo. Finn: Presented a collection of books and newspaper records, reports and illustrations collected over a number of years.
Lieutenant A. G. Carnahan, R.N.R.: Presented Viscount Jellie-coe's racing 14-footer "Iron Duke."
- 1948 **Sir Frank Mappin:** 16mm Cine-sound projector.
- 1949 **Mr. and Mrs. J. Yock:** Old English sterling silver salver.
- 1950 **Mrs. J. P. Campbell:** Eighteenth century inlaid sideboard.
Mr. Wm. Goodfellow: Delft vase and other early ceramics.
Mr. V. J. Larner: Early china and delft vase.
- 1951 **Mrs. Goldie:** Twenty portraits of Maoris by the late Mr. C. F. Goldie.
Rev. Harry Johnson: Extensive collection of native arts and crafts from Tanganyika.
Rev. Charles Palmer: Melanesian ethnographical collection; mementoes of Bishop Selwyn and early New Zealand books.
Mr. W. J. Crowther: Selected examples of English porcelain and eighteenth century silver plate.
- 1952 **Mr. E. Earle Vaile:** Selected early works on discovery and exploration in the Pacific.
Sir Frank Mappin: Eighteenth century silver and Sheffield plate.
New Zealand Insurance Company: Suite of large cabinets and library furniture.
Mr. William Goodfellow: Three Maori portraits by Lindauer.
Sir Carrick Robertson: Collection of Zulu ornaments.
Lieut.-Commander J. F. A. O'Neill, D.S.C.: Ethnographical collection from Tikopia.
- 1954 **Miss W. S. Dudley and Miss Jean Robertson:** Pencil and wash drawings of early New Zealand, by Major Charles Heaphy.
Mrs. Robert Cooper: Collection of botanical books and book-cases.
Sir Frank Mappin: William and Mary walnut cabinet and early seventeenth century chairs.
- 1955 **Mrs. P. Sklenars:** Model of four-masted barque "Pamir" made by her father. **Mr. W. S. Nelson:**
Dr. J. A. Clinch: English silver and Sheffield plate.

AIM Ann Report 1962 to 1963

- Sir Ernest and Lady Davis:** Portrait of Sir Edmund Hillary, K.B.E.
- Mrs. A. M. Ferguson, O.B.E.:** Maori and Oceanic ethnographical collection.
- Mr. C. Roose:** Set of 2000 charts of the Pacific.
- Mr. G. J. H. Ovenden:** Full set of publications of Palestine Exploration Fund.
- Wellcome Museum Trustees:** extensive selection of ethnological specimens.
- 1956** **Miss E. Blumhardt:** Large set of her paintings of native flowers.
- The Misses C. M. and I. F. Stewart:** Collection of Maori greenstone ornaments and weapons.
- Sir Ernest Davis:** Portrait of H.M. the Queen.
- Mr. John Pybus:** Five moa skeletons from Waitomo district.
- 1958** **Rev. Canon Hubert Jones:** Sets of English West-County history.
- 1959** **Mrs. R. Rose:** English Sheraton Cabinet and Japanese lacquer and inlay cabinet.
- Dr. Marjorie Young:** Collection of ethnographical specimens from New Guinea highlands.
- Sir Frank Mappin:** English eighteenth century mahogany bureau-secretaire.
- 1960** **Farmers Trading Company's Jubilee gift of a Spitz Planetarium** with full range of accessories, the planetarium building and furnishings.
- Sir Ernest Davis:** Portrait of Lord Freyberg.
- Sir Frank Mappin:** Two oil paintings for council room and exhibition hall.
- Mr. L. J. Ayre:** Extensive philatelic collection and a monetary bequest.
- Miss Lina V. Bruce:** 18th century north country spinning wheel.
- Mrs. Susan Payne:** library cabinets, philatelic and ethnographical collections.
- 1961** **Mr. Leo White:** Series of coloured wall display photographs of Auckland.
- Auckland Citizen:** Portrait of His Excellency the Governor-General.
- Northern Steamship Company:** Builder's models of "Wakatere" and "Manai".
- Union Steamship Company:** Builder's model of "Ormonde".
- 1962** **Mrs. Blanche Halcombe:** books, collections of native birds and ethnological articles.
- Sir Ernest Davis:** large model sailing ship.
- Mrs. E. E. Goodhue:** collection of Northland greenstone ornaments.
- Miss M. F. Hoole:** bequeathed a Sheraton sofa table.
- Dr. and Mrs. J. L. Newman:** large Chinese silk and gold embroidery.
- The Countess of Orford:** Water colour drawing of Auckland by J. C. Hoyte.
- Mrs. G. R. S. Fisher:** Notable examples of early English-Continental lace.
- 1963** **Sir John Logan Campbell Trust:** Library furnishings.
- Mr. W. Kingsley:** collection of books on Naval history.
- Mr. E. F. Hilton:** large collection of shells including rare species; Northern Australia and Tropical Pacific.

AUCKLAND INSTITUTE AND MUSEUM

INCOME AND EXPENDITURE ACCOUNT
For the Year Ended 31st March, 1963.

EXPENDITURE		£	s	d	£	s	d	INCOME		£	s	d	£	s	d	
Salaries and Wages —																
General		22,967	16	9												
Auck. Savings Bank — Special Grant		101	10	1												
Botany Department — Reserve		23	5	11												
					23,092	12	9									
Superannuation					1,793	13	11									
Insurance					225	7	7									
Institute Expenses					593	7	2									
Repairs and Maintenance —																
Building		1,544	9	3												
Botany Hall		175	12	8												
Showcases and Furniture		90	4	1												
Specimens		54	17	8												
Equipment and General		70	16	5												
					1,936	0	1									
Special Exhibitions					255	9	5									
Extension Service					174	17	2									
Planetarium					237	11	5									
Photography and Education —																
B. Wilson Endowment					38	10	4									
General Administration Expenses					184	15	9									
Heating, Lighting and Water					645	3	4									
Postages and Telephones					603	7	3									
Travelling —																
General		415	13	9												
H. G. Atkinson — Research Endow- ment		36	9	3												
Sir John Logan Campbell Trust — Grant		23	0	0												
Sir Carrick Robertson — Research Endowment		6	6	0												
					481	9	0									
Printing and Stationery					749	7	0									
Audit Fee					70	18	0									
Cleaning					248	13	8									
Freight and Cartage					43	10	1									
Sundry Expenses					64	19	0									
Subscriptions Written Off					195	6	0									
Stamp Account					12	3										
Reimbursement of Cash Imprest —																
Theft from Information Desk					15	0	0									
Unauthorised Expenditure —																
Entertainment, etc.					30	7	10									
Balance transferred to Appropriation Account					5,248	0	1									
					£36,928	19	2									
														£36,928	19	2

AIM Ann Report
1962 to 1963

AUCKLAND INSTITUTE AND MUSEUM

BALANCE SHEET AS AT 31st MARCH, 1963.

LIABILITIES			ASSETS			
	£	s d	£	s d	£	s d
Capital — Balance 1/4/62	971,824	3 1	Buildings — Balance 1/4/62	672,148	7 9	
Less:			Library floor coverings ex Sir John Logan Campbell Trust	2,570	18 0	
Vaile Trust Property	40,000	0 0	Other Additions	2,857	3 0	
						677,576 8 9
	931,824	3 1	Collections — Balance 1/4/62	182,542	4 1	
Add:			Additions during year	3,067	19 8	
Sir John Logan Campbell Trust — Library Furnishings and Fittings	4,944	7 9				185,610 3 9
Capital Expenditure from Reserves	1,841	17 1	Furniture and Fittings —	36,219	8 4	
Capital Expenditure from Revenue	4,651	7 9	Balance 1/4/62	2,373	9 9	
Capital Expenditure from Trusts	5,849	15 8	Library Furniture ex Sir John Logan Campbell Trust	1,809	1 10	
Total Capital	949,111	11 4	Other additions			40,401 19 11
Trusts and Specific Endowments as per statement	66,164	15 8	Library — Balance 1/4/62	38,051	7 7	
Add:			Additions during year	3,977	10 8	
Vaile Trust Property — above	40,000	0 0				42,028 18 3
	106,164	15 8	Scientific Equipment —	508	1 9	
General Endowments — as per statement	26,648	13 7	Balance 1/4/62	188	5 1	
Special Reserves, Grants and Gifts as per statement	28,165	15 9	Additions during year			696 6 10
Total Trusts and Reserves	160,979	5 0	Plant, Tools and Equipment —	970	8 8	
Creditors —			Balance 1/4/62	443	0 3	
Subscriptions in Advance	29	8 0	Additions during year			1,413 8 11
Sundry	1,350	18 7	Motor Vehicle —	1,384	4 11	
			Total Capital Investments —	949,111	11 4	
Income and Expenditure Account —			Australian Commonwealth Stock	1,970	10 0	
Balance 1/4/62	850	14 9	Debentures and Stock	29,759	14 7	
Plus Excess of Income over Expenditure for the year	344	14 4	Effects	42	15 0	
			Mortgages	7,156	0 0	
			N.Z. Government Stock	25,330	8 4	
			N.Z. War Savings	14,017	2 7	
			Properties	61,390	0 0	
			Shares	2,505	16 0	
			Total Investments	142,172	6 6	

Cash —	
Auckland Savings Bank	2,902 11 5
Bank of New Zealand, New- market — Current A/c	8,017 17 6
Bank of New Zealand, New- market — Fixed Deposit	5,000 0 0
Bank of New Zealand, London	344 3 0
Cash and Advances	65 0 0
	16,329 11 11
Debtors —	
Members' Subscriptions	150 16 0
Publications	166 9 0
School Service	36 3 0
	353 8 0
Stocks —	
Books, Photographs and Publications	4,699 14 3
	£1,112,666 12 0
	£1,112,666 12 0

GILBERT ARCHEY,
Treasurer.

APPROPRIATION ACCOUNT
For the Year Ended 31st March, 1963.

	£ s d		£ s d
Capital Expenditure from Reserves	1,841 17 1	Balance from Income and Expenditure Account	5,248 0 1
Capital Expenditure from Revenue	4,651 7 9	Profit on Sale of Investments	231 0 0
Life Members' Subscription Endowment	204 15 0	Profit on Sale of Property—E. E. Vaile Endowment	2,307 0 0
Motor Vehicle Depreciation Reserve	276 17 0	Transfer from Auckland Savings Bank Grant	620 17 7
Edward Earle Vaile Endowment	2,142 0 0	Transfer from Sir John Logan Campbell Trust	
Edward Earle Vaile Bequest	165 0 0	Grant	1,133 7 6
Balance 31/3/63	344 14 4	Transfer from J. C. Entrican Endowment	1 6 0
	£9,626 11 2	Transfer from MacKchnie Library Trust	85 0 0
			£9,626 11 2

AIM Ann Report
1962 to 1963

EDWARD EARLE VAILE ENDOWMENT AND BEQUEST ACCOUNT
(a summary of this account is included in the Capital Endowments)

	£ s d		£ s d
Capital Expenditure —			5,568 2 10
Ethnological Specimens	2,700 19 3		
Library	3,148 16 5		
Legal Fees	73 10 0		
Transfer to Obsolescence Fund	200 0 0		
Unexpended Balance 31/3/63	1,826 19 6		
	<hr/>		<hr/>
Rents Received —			
Less Expenses —			
Commission	269 16 3		
Insurance	207 13 11		
Rates	585 0 5		
Repairs and Maintenance	832 13 6		
	<hr/>		<hr/>
Nett Rents	1,895 4 1		
Sale of Books	3,672 18 9		
Interest	27 15 3		
Dividend	520 19 10		
Unexpended Balance 31/3/62	140 0 0		
	<hr/>		<hr/>
	3,588 11 4		
	<hr/>		<hr/>
	£7,950 5 2		£7,950 5 2

STATEMENT OF

TRUSTS; SPECIFIC AND GENERAL ENDOWMENTS; SPECIAL RESERVES, GRANTS AND GIFTS

DESCRIPTION	Capital Balance 1/4/62	Income Dr.	Balance 1/4/62 Cr.	Interest	Other Receipts	Total Income	Payments	Detail	Income Balance 31/3/63 Dr.	Capital Balance 31/3/63 Cr.	Total Balance 31/3/63
TRUSTS AND SPECIFIC ENDOWMENTS											
Accumulating Endowment	571 2 11			24 5 5		24 5 5			— — —	595 8 4	595 8 4
H. G. Atkinson — Research	685 10 8	30 2 2	30 8 2	53 14 2	114 4 6	36 9 3	I&E A/c		24 1 1	739 4 10	763 5 11
L. J. Ayre — Philately	888 19 2	38 15 9	39 8 6	8 12 6	449 11 0	78 4 3			78 4 3	888 19 2	967 3 5
J. A. Clinch — Photographical Equipment						458 3 6			8 12 6	449 11 0	458 3 6
J. C. Entrican — Numismatics	1,091 8 3	166 5 5	53 8 11			219 14 4	1 6 0	Appn A/c	218 8 4	1,091 8 3	1,309 16 7
MacKechnie — Library	2,000 0 0			85 0 0		85 0 0	85 0 0	Appn A/c		2,000 0 0	2,000 0 0
Mitchelson — Prize	100 0 0			8 16 7	4 12 4				13 8 11	100 0 0	113 8 11
Museum Endowment	14,116 4 5				604 18 8		604 18 8	I&E A/c		14,116 4 5	14,116 4 5
Pond Cheeseman Bequest — Commemoration Prize	145 0 0	11 15 2	7 13 1			19 8 3			19 8 3	145 0 0	164 8 3
Sir Carrick Robertson — Research	600 0 0	150 15 6	31 18 0		40,000 0 0	42,142 0 0			176 7 5	600 0 0	776 7 6
Edward Earle Vaile — Endowment					2,142 0 0					42,142 0 0	42,142 0 0
Edward Earle Vaile — Bequest					165 0 0						
Bertha Wilson — Cinematography	37,394 0 0	3,588 11 4	520 19 10	3,944 1 0	8,218 12 2	6,226 12 8	Vaile A/c		1,826 19 6	37,559 0 0	39,385 19 5
Bertha Wilson — Photography	2,000 0 0	176 12 9	92 10 10		269 3 7				269 3 7	2,000 0 0	2,269 3 7
	1,000 0 0	95 10	46 15 3		141 16 1	38 10 4	I&E A/c		103 5 9	1,000 0 0	1,103 5 9
	60,592 5 5	4,266 15 6	1,550 11 6	46,754 6 2	52,571 13 2	6,999 2 11			2,737 19 8	103,426 16 0	106,164 15 8

AIM Ann Report
1962 to 1963

ENDOWMENTS — GENERAL

Buddle Bequest		42 10 0	1,000 0 0	1,042 10 0						1,000 0 0	1,000 0 0	
Campbell Bequest	1,000 0 0	42 10 0		42 10 0						7,700 0 0	7,700 0 0	
Costley Bequest	7,700 0 0	327 5 0		327 5 0						100 0 0	100 0 0	
Sir Albert Ellis	100 0 0	4 5 0		4 5 0						1,000 0 0	1,000 0 0	
Goldie Bequest	1,000 0 0	42 10 0		42 10 0						100 0 0	100 0 0	
Gore-Adams Bequest	100 0 0	4 5 0		4 5 0						2,255 10 7	2,255 10 7	
Hanson Bequest	2,255 10 7	96 8 2		96 8 2						500 0 0	500 0 0	
Harding Bequest	500 0 0	21 5 0		21 5 0						1,000 0 0	1,000 0 0	
Herries Bequest	1,000 0 0	42 10 0		42 10 0	1,123 19 1	Total Interest to I&E A/c				824 1 11	824 1 11	
Houghton Bequest	824 1 11	34 10 5		34 10 5						590 8 3	590 8 3	
Humphrey-Davies Bequest	590 8 3	25 1 11		25 1 11						1,000 0 0	1,000 0 0	
Sir Cecil Ley's Bequest	1,000 0 0	42 10 0		42 10 0						6,707 11 5	6,707 11 5	
Life Members' Subscriptions	6,502 16 5	276 8 2	204 15 0	481 3 2						25 0 0	25 0 0	
Lunn Bequest	25 0 0	1 1 3		1 1 3						550 0 0	550 0 0	
Marshall Bequest	550 0 0	23 7 6		23 7 6						25 0 0	25 0 0	
Mitchell Bequest	25 0 0	1 1 2		1 1 3						1,000 0 0	1,000 0 0	
Mitchelson Bequest	1,000 0 0	42 10 0		42 10 0						100 0 0	100 0 0	
Nathan Bequest	100 0 0	4 5 0		4 5 0						171 1 5	171 1 5	
Sarah Powley Bequest	171 1 5	7 5 5		7 5 5						1,000 0 0	1,000 0 0	
Shaw Bequest	1,000 0 0	42 10 0		42 10 0						25,443 18 7	26,648 13 7	
		1,123 19 1	1,204 15 0	2,328 14 1	1,123 19 1						26,648 13 7	26,648 13 7

SPECIAL RESERVES, GRANTS AND GIFTS

Auckland Savings Bank — Exhibition Halls		180 6 1	5,000 0 0	5,180 6 1	277 2 9	I&E A/c				4,282 5 9	4,282 5 9	
Botany Department	23 5 11				620 17 7	Appn A/c				—	—	
Building Maintenance	7,267 10 8	285 14 6			23 5 11	I&E A/c				7,008 15 11	7,008 15 11	
Sir John Logan Campbell Trust	1,063 0 6	95 0 0	4,000 0 0	4,095 0 0	544 9 3	I&E A/c				4,001 13 0	4,001 13 0	
Depreciation of Investments	401 18 9	17 1 7			23 0 0	I&E A/c				419 0 4	419 0 4	
Educational Publications	1,088 15 10	45 15 10			1,133 7 6	Appn A/c				1,134 11 8	1,134 11 8	
Horton Geology	92 17 5	8 5 6	4 3 4		232 12 1		12 8 10			92 17 5	105 6 3	
Memorial Halls	1,946 4 10	82 14 3	149 17 10		294 15 6	Appn A/c				2,178 16 11	2,178 16 11	
Motor Vehicle Depreciation	421 9 6	17 18 6	276 17 0		10 2 6					716 5 0	716 5 0	
Oceanographic Grant	75 0 0	6 12 11	3 9 7		121 6 0					75 0 0	85 2 6	
Publications	2,854 1 1				1 7 0					2,975 7 1	2,975 7 1	
Showcases for White China	10 10 0	17 11	9 1		38 12 2					10 10 0	11 17 0	
Specimen Purchase	908 13 7	38 12 2			19 6	I&E A/c				947 5 9	947 5 9	
Stamp Collection	22 9 5				12 3	I&E A/c				22 16 8	22 16 8	
Swords Purchase	10 0 0	17 7	8 10		1 6 5					11 0 0	11 6 5	
Vaile Obsolescence Fund	3,899 1 4	166 4 2	200 0 0	366 4 2	Vaile A/c					4,265 5 6	4,265 5 6	
	20,084 18 10	16 13 11	1,060 3 5	9,626 14 10	10,703 12 2	2,522 15 3				25 4 9	28,140 11 0	28,165 15 9

AIM Ann Report 1962 to 1963

ACCESSIONS 1962-63

- Acclimatization Society: Stoat; Auckland.
Mr. A. G. Andrews: Egyptian embroidery panels.
Mr. H. G. Arthur: Limestone from the Pyramid of King Cheops.
Auckland Zoo: Tuatara.
Mr. W. Barclay: Bombilla and gourd for Yerba Mate.
Professor Paul J. Beadle: Medal designed by the donor for the University of New South Wales.
Miss F. N. Bell: British and European lace and two silver watches.
Mr. R. Bernie: Copper bowl: Mount Isa, Queensland.
Mr. R. Bond: Collection of ethnographical material: Deposited.
Mrs. E. Boylan: British war medal.
Mrs. O. M. Bracey: Bone comb; Taheke River.
British Overseas Airways Corporation: Iron nails from the Roman Legionary Fortress; Inchtuthill, Perthshire.
Mrs. M. L. Brown: Covenanters' bronze cup, in two parts, for secret communion in Covenanters days.
Dr. and Mrs. R. N. H. Bulmer and Dr. B. G. Biggs: Collection of ethnographical specimens; Central Highlands, Australian New Guinea.
Mrs. A. M. Butler: Two Maori stone adzes.
Air Commodore K. L. Caldwell, C.B.E., D.F.C.: Propeller from a French single seater and a machine gun.
Mr. D. N. Campbell: India General Service Medal.
Mr. L. W. Caraman: War souvenir silk picture; Egypt.
Mr. H. W. Carbury: Sword in carved ivory scabbard; Japanese.
Mr. F. Cheek: Two Queen Victoria Jubilee mugs (1837-1887).
Miss M. R. Clarke: Table with cover, brought to New Zealand by Private Sadgrove; and South African war souvenirs.
Mr. Connor: Polecat; Awhitu.
Mrs. C. L. Cook: English lace and embroidered shawl.
Mr. D. E. Cooper: Fifteen sheets of plants identified by the Ryksherbarium Leiden; Mountains of New Guinea.
Dr. R. C. Cooper and Ardmore Teachers' College Students: Fossil leaves of upper Miocene age from beach; Great Barrier Island.
Mr. J. Crippen: Early Victorian jacket, cape, and gowns.
Miss Ann Cumming: 17th Century carved chair, and sampler.
Mrs. E. F. M. Davies: Plaited fans; Niue and Cook Islands.
Mr. I. J. Dawson: Tunic, New Zealand Volunteers.
Messrs. Donaghys' Rope and Twine Company Limited: Model of cord-making machine.
Master J. Donohue: Tanged chert implement.
Miss R. Dundas McIntyre: Order and Medal; Brazil.
Mr. E. R. Eady: Mitchelson's new Accordion and Flutina with Tutor.
Mr. Ellenberger: Lamp and other French bygones.
Spr. Roy F. Ellis, M.M.: Fuse cap of shrapnel shell fired into Anzac Cove, afternoon of 25th April, 1915.
Mrs. Epps: Wooden paddle, Maori.
Mr. Skip Evans: Carved wooden panel found in stream bed near Opotiki.
Mr. L. H. Farley: Collection of Porcelain and three books of plaster cameos; bequeathed.
Miss C. A. Farrer: Two-piece costume.
Firth's Mill Limited: Two millstones and operating mechanism.
Mrs. F. M. Fisher: "Hercules" cork screw.
The Late Mr. V. J. Fitzpatrick: Maori stone adze.

AIM Ann Report 1962 to 1963

- Mrs. E. Foster: Imperial Service Medal.
Miss Fraser: Table inlaid with New Zealand timbers, deposited.
Miss M. Frater: Carved jet cross and chain; pair of bone chopsticks and knife in case.
Mrs. H. Gibian: Prisoner of war badge and money; Germany.
Master Lindsay Girven: Stone chisel, Maori.
Mrs. Goddard: Embroidered Runner; India.
Mr. John Goldstone: Turkish Yataghan.
Mrs. M. Goodsell: Naval Service Medal, 1848.
Mrs. M. J. Gordon: Spears and shield; Africa.
The Hon. Sir Leon Gotz, M.P.: Large circular Pandanus mat, Pandanus over garment and double apron; Manihiki Island.
Misses K. M., W. R., and E. M. Gow: Early type of washing machine, and charcoal iron.
Mrs. A. F. Grace: Wooden frame for holding needlework.
Mr. Gordon Greenough: German officer's cap; bayonet.
Mr. E. F. Hilton: Large collection of shells including rare species; Northern Australia and the Tropical Pacific.
Lt.-Col. A. R. Hughes: Two military buttons, one with monogram VR, the other N.Z.V.
Miss Frances I. Hunt: Khaki tunic and caps, (Waikato Volunteers) of Captain N. I. Hunt, also early Victorian carving knife.
Miss Frances I. Hunt: Sword of Captain N. I. Hunt, Waikato Mtd. Rifles; woman's hunting jacket; Boer pipe; Medals of Sgt. W. T. Hunt.
Miss Frances I. Hunt: Maori and Polynesian implements.
Mr. F. Haigh: Historical articles and bygones originally collected by Edward Eugene Cafler (1798-1893).
Mr. L. Hassett: Model canoe; Samoa.
Mrs. E. M. B. Hutchings, M.A.: Cut glass bowl on stand; two coloured engravings by T. Picasso of George Moreland pictures.
Mrs. Dorothy Issacs: Hand-embroidered aprons and handkerchiefs.
Mr. J. Jordon: Partial albino rat.
Mrs. P. E. C. Jouning: Thomas A. Edison, phonograph (Amberola) and a number of records.
Mr. P. E. C. Jouning: Kauri gum, gramophone and records, birds.
Master Gordon Kernow: Stoat and a ferret.
Mrs. E. Key-Jones: Water-colour drawing. Gnr. W. Robert Johnson, N.Z.F.A.
Miss E. M. Kimbell: Chinese Mandarin coat; autograph letter of R. L. Stevenson.
Mr. Brian Knight: Twenty-two kodachrome slides and prints of native plants and bush; *Waka kereru* or pigeon trough.
Mr. R. Law: Small volcanic bombs from vent behind Magistrate's Court.
Mr. S. A. Lawson: Knife cleaner, Kent's Patent: London.
Mr. J. Lennan: Fish-hooks in bone, shell and iron; Samoan and Maori.
Mr. Logan Linton: Two digging sticks (*ko*), wooden fern root beater.
Mr. R. L. Lowndes: Lifebuoy and masthead light; R.M.S. "Aorangi".
Mr. J. C. McComish: Cross section of a copper bolt from the "Bounty"; Pitcairn Island.
Mrs. M. MacCormick: Small velvet coat and baby's petticoat, gown and pinafore.
Mr. F. C. McGehan: Five pieces of nephrite.
Mr. F. W. McGregor: Small parrot, caught by a bird.
Mr. W. H. Mackay: Kumara weeder.
Mr. G. Mannion: Glazed pottery bowl.
Mrs. R. H. Marryatt: Dial sight of German field gun: 1914-18 (Col. R. H. Marryatt, D.S.O.).

AIM Ann Report 1962 to 1963

- Master Alex Mason: Iron candle snuffer with cutter.
Mr. G. D. Moon: Majolica dish; Japanese snuff bottle; pandanus basket; tapa; flax kit.
Master Paul Murphy: Stone adze.
Mrs. C. M. Musket: Bronze replicas of busts of Akhenaton and Nefertiti.
David Nathan Estate: Italian wood carving, Link lantern, and 17th Century embroidered coverlet.
Mr. H. M. Newton: Knife in sheath.
Mr. C. W. Nicolls: Uniform tunic of Shropshire Regiment.
Mr. I. G. Parker: South African (Zulu) belt and other headwork.
Mrs. K. H. J. L. Phibbs: Bronze wine vessel (chueh), (Chou) and metal mirror — c. Tang Period.
Mr. D. Pivott: Fishing weight; Waimauku.
Mr. A. Pooley: Spiral staircase (model) made by donor's father in 1876.
Mrs. A. Pooley: Small carriage clock; England.
Miss Randle: Picture frames and case clock designed and made by donor's father in 1876.
Ato Tesfaye Redda: Ethiopian domestic crafts, present day; Addis Ababa.
Miss J. Robertson: Large collection of shells, mostly New Zealand, formerly belonging to Mr. A. Jeakings of Nelson.
Mrs. H. Rodgers: Model railway train and lines, seven cars, engine and tender.
Mr. W. Hugh Ross: Carbine (Terry's Patent 30 bore) as issued to the Armed Constabulary.
Mr. J. H. Savage: German soldier's cap and medal.
Mrs. G. E. Sharrod: Broken *patu paraoa*; Lake Rotorua.
Mr. C. E. Sylvester: Gold bracelet with painted miniature; French.
Miss J. Sims: Embroidery for Christening robe; Northern Ireland.
Mr. and Mrs. L. A. W. Shepherd: Model M.L. artillery piece and limber.
Mr. Frank M. Shepherd: Sterop (London) Microscope.
Mr. A. R. Shutes: Gold bearing quartz, malachite; Thames and Coromandel.
Mr. R. B. Sibson: Maori Rat; Big Chicken Island.
Mr. I. A. Stanley: Spiny starfish.
Mr. Stone: Sea chest.
Mr. A. Tandy: Early typewriter; Farquhar and Albrecht, Chicago.
Mr. Thos. Taylor: One hand flourmill.
The Mackelvie Trust Board: Four bronze medals of the Society of Medalists.
The Maori people of Kawhia: Stone flax beater.
Mr. N. R. W. Thomas: Small silvered cylinder containing "Tom-tit" needle.
Mrs. J. A. Watson: Naval Officers' Uniforms full dress and Mess dress.
Mr. S. Williams: Stone adze found by donor; Pouharu.
Mr. Owen Wilson: Three fish hooks and shot unearthed in 1906; Red Hill, Papakura.
Mrs. L. C. Wright: Metal container for ink with pen attached.
Storm-driven, accidentally killed and cage birds: Auckland Acclimatization Society, Master Errol Allbon, Mrs. W. D. Baker, Master Michael Beazley, Master Keith Bright, Mr. Bruce Brown, Mrs. J. Burt, Dr. de Castro, Mr. K. C. Chatfield, Mr. M. A. Clarke, Mr. C. W. Devonshire, Mr. Healey, Hobson Acclimatization Society, Mrs. Hord, Miss D. E. Ireland, Kaikohe Primary School, Kerikeri Acclimatization Society, Mr. H. P. Lees, Mangonui-Whangaroa Acclimatization Society, Mr. Bob Martensen, Mr. D. B. McIsky, Mr. O. E. Middleton, Mr. A. Miers, Mr. C. P. Morcom, Mr. N. T. Murray, Master Peter Pickard, Dr. Platts-Mills, Mr. A. T. Pycroft, Te Awamutu Historical Society, Mr. C. R. Robinson, Mr. R. B. Sibson, Mr. Swarbrick, Mrs. Verran, Miss T. B. Wilson.

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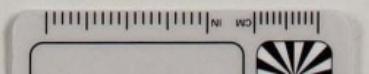
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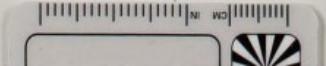
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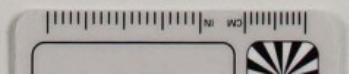
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